

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
STANDARD ANNULAR PRESSURE TEST

Operator	BRETBURN Oper.	State Permit Number	48387
Address		EPA Permit Number	MI-009-2D-0084
		Date of Test	5/14/2013
Well Name & Number	TOONS 8 SWD	Well Type	2D

Quarter	Quarter	Quarter	Section	Township	Range	Township Name	County	State
NW	NE	NW	8	29N	5W		ANTRIM	MI
GPS file number			Latitude		Longitude		Elevation	
			44.91694 44.92971		84.94203 84.94192			

Company Representative	TIM HOOD	Field Inspector	SAM H. WILLIAMS
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GAUGE CERTIFICATION

Type Pressure Gauge NIKA } 4 inch face 600 psi full scale 5 psi increments
 New Gauge? Yes ☒ No ☐ If no, date of calibration _____ Calibration certification submitted? Yes ☐ No ☒

TEST RESULTS

Time	0	15	30				
Annulus	350	350	350				
Tubing	VAC						

WELL STATUS

5 Year ☐ TD# _____
 2 Year TA ☒ TD# _____
 Rework after failure ☒ TD# 13-142
 New Permit ☐ TD# _____
 Enforcement Action ☐ TD# _____
 Annual Class 1 ☐ TD# _____

WELL CONFIGURATION

Casing Size 7
 Tubing Size 3 1/2
 Packer Type ARROW ASI-X
 Packer set @ 2394.74
 Fluid Return (gal) 4+ GAL

Test Pressures: Max. Allowable Pressure Change: Initial test pressure x .03 10.5 psi 350
 Test Pressure change 8 psi 0.50

Test Passed ☒ Test Failed ☐ : If failed test, well must shut in, no injection can occur, and USEPA must be contacted within 24 hours. Corrective action needs to occur, the well retested, and written authorization received before injection can recommence.

COMMENT:

RECEIVED

JUN 05 2013

Signature of Company Representative	<u>TIM HOOD</u>	Date	<u>5/14/2013</u>
Signature of UIC Field Inspector	<u>SAM H. WILLIAMS</u>	Date	<u>MAY 14, 2013</u>